

IN THE CLAIMS:

Please amend the claims as follows:

1-10. (Cancelled).

11. (Currently Amended): A liquid crystal display device, comprising:

a first substrate;

a second substrate opposing the first substrate;

at least a sealant along a periphery of one of the first and second substrates; and

a liquid crystal layer between the first and second substrates, the liquid crystal layer having a photo-reactant material and a liquid crystal material,

wherein the photo-reactant material and the liquid crystal material form a polymer network and are mixed without distinction of layer, ~~the polymer network including a photo-reactant material aligned towards one of the first and second substrates by irradiated light in curing the sealant, and the liquid crystal material aligned towards the other of the first and second substrates by the irradiated light,~~

wherein the first substrate includes two electrode in each pixel region to supply an electric field in a horizontal direction between two electrodes to the liquid crystal layer,

wherein, when no voltage is applied across the two electrodes, the photo-reactant material and the liquid crystal interact and are aligned in a first direction and, when a voltage is applied across the two electrodes, the liquid crystal are arranged by the applied electric field in the

horizontal direction, and

wherein, when the voltage is not applied across the two electrodes, the polymer network increases a restoring force to restore the liquid crystal.

12. (Original): The device according to claim 11, wherein the sealant includes an ultraviolet hardening sealant.

13. (Original): The device according to claim 11, wherein the sealant includes an ultraviolet and thermo-hardening sealant.

14. (Original): The device according to claim 11, wherein the photo-reactant material includes one of a photo-reactive polymer and a photo-reactive oligomer.

15. (Original): The device according to claim 11, further comprising an alignment layer on at least one of the first and second substrates.

16. (Original): The device according to claim 11, wherein the second substrate includes a light-shielding layer, a color filter layer disposed on the light-shielding layer, and a common electrode on the color filter layer.

17. (Original): The device according to claim 11, further comprising a spacer on at least one of the first and second substrates.

18. (Previously Presented): The device according to claim 17, wherein the spacer includes a column spacer.

19-21. (Cancelled).

22. (Previously Presented): The device according to claim 11, wherein the photo-reactant material remains uncured.

23. (Cancelled).